

WATER YEAR 2023

YOM RIVER BASIN

Ban Khlong Tan, A.Si Samrong, Sukhothai, Y.33

Location Lat.17° - 10' - 05"N., Long.99° - 51' - 52" E., on left bank

Ban Khlong Tan , Amphoe A.Si Samrong , Sukhothai

Drainage Area 12,778.17 sq.km.
Method of Sampling Depth Integrating
Instrument Used US.DH - 48
Period of Available Records 1990 - Cont'd
Actual Measurement 1990 - Cont'd
Using Rating Curve Water Year 2023
Number of observation 20
R - Square 0.9262
Remarks Continued Sediment Station

QS = 2.5035QW^{1.2862}

WATER YEAR - 2023

SUSPENDED SEDIMENT, IN TONS PER DAY, WATER YEAR APRIL 1, 2023 TO MARCH 31, 2024

| DATE | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | ANNUAL |
|-------|-----|--------|-------|-------|--------|---------|----------|---------|--------|-------|------|-----|-------------------|
| 1 | 0.0 | 0.0 | 62.0 | 1.6 | 0.5 | 128.7 | 12200.6 | 2308.1 | 87.6 | 0.0 | 21.1 | 0.0 | |
| 2 | 0.0 | 0.0 | 6.6 | 0.1 | 0.5 | 85.7 | 12798.8 | 1955.0 | 95.0 | 0.0 | 13.7 | 0.0 | |
| 3 | 0.0 | 0.0 | 1.3 | 0.0 | 0.2 | 94.3 | 9425.9 | 1929.5 | 111.9 | 0.0 | 5.7 | 0.0 | |
| 4 | 0.0 | 0.0 | 0.3 | 0.4 | 0.3 | 278.6 | 3717.2 | 1559.5 | 111.9 | 0.0 | 2.4 | 0.0 | |
| 5 | 0.0 | 0.0 | 0.0 | 0.8 | 5.2 | 162.5 | 2014.8 | 1590.3 | 85.2 | 0.0 | 1.6 | 0.0 | |
| 6 | 0.0 | 0.0 | 0.0 | 0.8 | 25.1 | 633.2 | 1845.2 | 852.4 | 118.8 | 0.0 | 1.3 | 0.0 | |
| 7 | 0.0 | 0.0 | 0.5 | 0.5 | 14.3 | 1060.5 | 1652.3 | 1100.0 | 128.0 | 0.0 | 0.8 | 0.0 | |
| 8 | 0.0 | 0.0 | 0.5 | 16.7 | 8.5 | 1853.6 | 2014.8 | 670.5 | 129.9 | 0.0 | 0.8 | 0.0 | |
| 9 | 0.0 | 0.0 | 0.4 | 12.5 | 84.0 | 2344.6 | 3351.7 | 785.1 | 110.2 | 0.0 | 1.3 | 0.0 | |
| 10 | 0.0 | 0.0 | 1.0 | 3.2 | 40.6 | 2445.7 | 3202.9 | 785.1 | 120.6 | 0.0 | 1.1 | 0.0 | |
| 11 | 0.0 | 0.0 | 1.1 | 1.6 | 137.7 | 2608.1 | 4732.4 | 741.0 | 103.4 | 0.0 | 1.1 | 0.0 | |
| 12 | 0.0 | 0.0 | 1.0 | 1.0 | 413.7 | 3067.8 | 5959.7 | 824.2 | 84.0 | 0.0 | 1.5 | 0.0 | |
| 13 | 0.0 | 0.0 | 0.7 | 0.3 | 612.1 | 2895.9 | 4411.9 | 768.5 | 51.0 | 0.0 | 0.0 | 0.0 | |
| 14 | 0.0 | 0.0 | 0.3 | 0.0 | 763.0 | 1929.5 | 2895.9 | 622.6 | 45.7 | 0.0 | 0.0 | 0.0 | |
| 15 | 0.0 | 0.0 | 0.1 | 0.0 | 768.5 | 1769.9 | 2092.1 | 473.7 | 33.6 | 0.0 | 0.0 | 0.0 | |
| 16 | 0.0 | 0.0 | 0.0 | 0.0 | 422.2 | 2770.0 | 2344.6 | 555.7 | 32.6 | 0.0 | 0.0 | 0.0 | |
| 17 | 0.0 | 39.6 | 0.0 | 0.1 | 290.8 | 4073.2 | 4786.3 | 581.0 | 36.6 | 0.0 | 0.0 | 0.0 | |
| 18 | 0.0 | 355.7 | 0.0 | 0.0 | 155.6 | 4306.2 | 5796.7 | 575.9 | 34.6 | 0.0 | 0.0 | 0.0 | |
| 19 | 0.0 | 638.5 | 0.0 | 0.8 | 238.6 | 3973.2 | 3537.0 | 560.7 | 34.6 | 0.0 | 0.0 | 0.0 | |
| 20 | 0.0 | 530.6 | 0.0 | 25.1 | 183.6 | 3282.9 | 2749.2 | 525.6 | 33.6 | 0.0 | 0.0 | 0.0 | |
| 21 | 0.0 | 101.7 | 0.0 | 6.1 | 74.6 | 2728.4 | 1946.5 | 443.5 | 33.6 | 2.4 | 0.0 | 0.0 | |
| 22 | 0.0 | 9.5 | 0.0 | 21.7 | 87.9 | 1544.2 | 1803.3 | 294.1 | 31.7 | 3.2 | 0.0 | 0.0 | |
| 23 | 0.0 | 3.2 | 0.0 | 8.0 | 176.5 | 939.6 | 1629.0 | 238.4 | 28.8 | 4.8 | 0.0 | 0.0 | |
| 24 | 0.0 | 42.6 | 0.0 | 43.7 | 166.0 | 1021.8 | 1895.7 | 235.6 | 26.9 | 28.8 | 0.0 | 0.0 | |
| 25 | 0.0 | 29.7 | 0.0 | 122.4 | 135.4 | 1009.1 | 1887.3 | 210.0 | 25.1 | 26.9 | 0.0 | 0.0 | |
| 26 | 0.0 | 45.7 | 0.0 | 22.4 | 112.6 | 659.8 | 1424.6 | 181.9 | 0.0 | 26.0 | 0.0 | 0.0 | |
| 27 | 0.0 | 57.5 | 0.0 | 5.2 | 115.7 | 491.1 | 1034.6 | 155.6 | 0.0 | 37.5 | 0.0 | 0.0 | |
| 28 | 0.0 | 35.6 | 21.7 | 1.3 | 172.9 | 1255.7 | 1255.7 | 135.7 | 0.0 | 42.6 | 0.0 | 0.0 | |
| 29 | 0.0 | 23.7 | 195.8 | 0.3 | 176.5 | 3838.6 | 1483.1 | 135.7 | 0.0 | 38.5 | 0.0 | 0.0 | |
| 30 | 0.0 | 40.6 | 10.5 | 0.5 | 166.0 | 8484.8 | 1424.6 | 106.8 | 0.0 | 26.0 | 0.0 | 0.0 | |
| 31 | | 159.7 | | 0.5 | 148.8 | | 1963.5 | | 0.0 | 23.1 | | 0.0 | |
| TOTAL | 0.0 | 2113.9 | 303.7 | 297.7 | 5698.0 | 61737.3 | 109277.8 | 21901.9 | 1734.7 | 259.9 | 52.5 | 0.0 | 203377.37 TON/DAY |
| MEAN | 0.0 | 68.2 | 10.1 | 9.6 | 183.8 | 2057.9 | 3525.1 | 730.1 | 56.0 | 8.4 | 1.8 | 0.0 | 555.7 TON/DAY |
| MAX | 0.0 | 638.5 | 195.8 | 122.4 | 768.5 | 8484.8 | 12798.8 | 2308.1 | 129.9 | 42.6 | 21.1 | 0.0 | 12798.8 TON/DAY |
| MIN | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 85.7 | 1034.6 | 106.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 TON/DAY |

Stop - Program terminated.